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Message Text

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CNO WASHDC
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USNMR SHAPE
CINCUSAFE RAMSTEIN

C O N F I D N T I A L SECTION 1 OF 2 NATO 3591

E.O. 11652: GDS 12-1-80
TAGS: OCON, NTO
SUBJECT: FIRST MEETING OF NATO AIR FORCE ARMAMENTS GROUP (NAFAG)
SUB-GROUP 13 ON AIR-TO-AIR MISSILES FOR TH 1980'S

FOR MAAGS & DAO'S AT ALL NATO CAPS, CSAF FOR RDQ, RDQRM &RDPSI
SECDEF FOR ODDR&E ND ISA; CNO FOR OPNAV 098F, OP 983

BEGIN SUMMARY. FIRST MEETING OF NAFAG SG-13 ON AIR-TO-AIR MISSILES WAS HELD ON 24-25 JUNE 74 AT NATO HQS. BULK OF MEETING WAS DEVOTED TO DISCUSSING TERMS OF REFERENCE, METHOD OF WORK, AND DATA REQUIREMENTS. REQUIRED NATIONAL INPUTS ON THE THREAT, OPERATIONAL CONCEPTS, AIRCRAFT CAPABILITIES, MISSILE REPLACEMENT PLANS AND SCHEDULES, AND MISSILE DEVELOPMENT BRIEFINGS WERE IDENTIFIED AND REQUESTED FOR NEXT MEETING. ND SUMMARY.

1. THE FIRST MEETING OF THE NATO AIR FORCE ARMAMENTS GROUP (NAFAG) SUB-GROUP 13 ON AIR-TO-AIR MISSILES FOR THE 1980'S WAS HELD AT HQ NATO ON 24 AND 25 JUNE 1974. REPRESENTATIVES FROM BELGIUM, DENMARK, THE CONFIDENTIAL

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FRG, ITALY, THE NETHERLANDS, TURKEY, UK, US, NATO IS AND IMS, AND SHAPE ATTENDED. THE TERMS OF REFERENCE (TOR) AND METHOD OF WORK FOR THE GROUP WERE DISCUSSED IN CONSIDERABLE DETAIL. FOLLOWING ARE HIGHLIGHTS AND ACTION ITEMS FROM THE MEETING.

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2. THE GROUP'S ATTENTION WAS INVITED TO INFORMATION ON THE THREAT CONTAINED IN THE FOLLOWING DOCUMENTS:
A. THE CONTRIBUTION OF AIRBORNE WARNING AND CONTROL SYSTEMS TO AIR DEFENSE IN THE CENTRAL REGION, STC 9980/ORD/S.86/74
B. ANNEX I TO AC/280-D/17
C. A FORTHCOMING AC/280 WG/1 RPORT (DETAILS TO BE PROVIDED).

BECAUSE OF THE DIFFICULTIES AND UNCERTAINTIES ASSOCIATED WITH POSTULATING A FUTURE THREAT, THE GROUP HOPED THAT DEVELOPMENT OF A DETAILED NEW THREAT FOR ITS PURPOSES COULD BE AVOIDED AND THAT MUCH OF THE INFORMATION IN THE ABOVE DOCUMENTS COULD BE USED AS IS. ACTION ITEM: NATIONS AR REQUESTD TO SUBMIT INPUTS ON THE THREAT TO THE SG-13 SECRETARY, MR. G. RAGUSI, AIR ARMAMENTS SECTION, DEFENSE SUPPORT DIV, HQ NATO BY 1 SEP 74. TH E INPUTS SHOULD INCLUDE ALL AVAILABLE PERTINENT INFORMATION ON THE FUTURE THREAT, PARTICULARLY

ENEMY COUNTERMEASURES CAPABILITY, AND A STATEMENT ON WHETHER THE AIR THREAT DEFINED IN THE ABOVE DOCUMENTS COULD BE ADOPTED FOR THE WORK OF SG-13 OR TO WHAT EXTENT IT SHOULD BE MODIFIED.

3. THE FRG, FRANCE, AND UK PRESENTED BRIEF GENERAL STATEMENTS ON THE STATUS OF THEIR AIR-TO-AIR MISSILE DEVELOPMENT PROGRAMS. THE UK XJ-521 MISSILE WILL ENTER SERVICE IN 1977 WITH AN EXPECTED SERVICE LIFE OF 15 YEARS. THE FRENCH MISSILE 530 WILL ENTER SERVICE IN APPROX 77-78, WITH AN EXPECTED SERVICE LIFE OF 15 YEARS. THE FRNCH 550 WILL ENTER SERVICE IN 1975, ALSO FOR 15 YEARS. THE GROUP NOTED WITH PARTICULAR INTEREST THAT THE FRG VIPER AND UK QC-434 PROGRAMS HAD BEEN CANCELLED. ACTION ITEM: THE US IS REQUESTED TO SUBMIT A SIMILAR BRIEF STATEMENT TO THE SECRETARY (RAGUSI) FOR INCLUSION IN THE DECISION SHEET AS AN ANNM OR ADDENDUM.

4. CONSIDERABLE DISCUSSION DEVELOPED ON THE TIME FRAME FOR THE AIR-TO-AIR MISSILES UNDER CONSIDERATION. MOST MEMBERS AGRED THAT THE 1990'S WOULD BE THE EARLIEST PERIOD FOR WHICH THE GROUP COULD START WITH "A CLEAN SHEET OF PAPER" AND HARMONIZE CONCEPTS FOR CONFIDENTIAL

AN ENTIRELY NEW STANDARD MISSILE. THE UK AND THE VICE CHAIRMAN PROPOSED CHANGINE THE GROUP'S TOR ACCORDINGLY. BELGIUM, THE NETHERLANDS, AND THE FRG STATED THAY HV A RQUIREMENT TO RPLACE CERTAIN SHORT RANGD MISSILES IN THE LATE 70'S AND 1980'S, AND THAT THEIR REQUIRMENTS FOR A 1990 GENERATION OF MISSILES WOULD BE VERY MUCH INFLUENCED BY THE 1980 STATE OF THE ART ASSOCIATED WITH THESE REPLACEMENTS (I.E. THIR LIFE TIME, GROWTH POETENTIAL, AIRCRAFT/ AVIONICS INTERFACE INVESTMENT ETC.). A CONSENSUS WAS FINALLY REACHED THAT ALL MISSILE CURRENTLY UNDER DEVELOPMENT WOULD BE STUDIED, AT LEAST FROM THE VIEWPOINT OF THEIR INFLUENCE ON THE NEXT GENRATION MISSILE, AND THAT THE TOR SHOULD BE AMENDED TO READ "1980'S AND BEYOND". USNATO COMMENT: MANY MEMBERS OF THE GROUP ARE CONVINCED THAT THE CNAD AND NAFAG GUIDANCE IS TO WORK

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ON HARMONIZATION OF CONCEPTS FOR AN ENTIRELY NEW MISSILE AND NOT
TO LOOK AT COOPERATION ON MISSILES ALREADY UNDER DEVELOPMENT BECAUSE
THE NAFAG AD HOC GROUP ON AIR-TO-AIR MISSILES HAD CONCLUDED IT WAS
ALREADY TOO LATE. THE USNATO REPRESENTATIVE (WHO ALSO ATTENDED
THE CNAD AND NAFAG) BELIEVES THE INTENT OF THE GUIDANCE WAS
MERELY TO LOOK AT THE EARLIEST PERIOD WHERE COOPERATION
WAS POSSIBLE, BUT WAS UNABLE TO CONVINCE THE GROUP. IN ANY EVENT,
POSSIBILITIES FOR COOPERATION IN PRODUCTION OR JOINT
PROCUREMENT OF MISSILES ALREADY UNDER DEVELOPMENT MAY DEVELOP,
PARTCULARLY NOW THAT TWO PROGRAMS FOR THE 1980'S HAVE BEEN CANCELLED,
AND THESE WOULD OFFER AN EARLIER PAY OFF. RECOMMEND THE US PURSUE
THIS ASPECT FURTHER, AND IF THE GROUP IS STILL DETERMINED NOT TO
STUDY THESE, AT LEAST IT SHOULD IDENTIFY THESE TO SOME OTHER
APPROPRIATE BODY. END COMMENT.

5. THE GROUPS ATTENTION WAS CALLED TO USEFUL BACKGROUND INFORMATION
ON FUTURE AIR-TO-AIR MISSILES CONTAINED IN AN AGARD ADVISORY REPORT
NO. 57, AEROSPACE APPLICATIONS STUDY NO. 2 ON "SMALL TACTICAL
MISSILES FOR THE 1980'S AND BEYOND".

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CINCUSAFE RAMSTEIN

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6. THE GROUP DECIDED TO INVITE DETAILED BRIEFING ON ALL (AIR FORCE
AND NAVY) MISSILES UNDER DEVELOPMENT, INCLUDING BUDGET/PRICE DATA,
FROM ALL PRODUCING COUNTRIES FOR PRESENTATION DURING THE NEXT 2
OR 3 MEETINGS. BECAUSE OF SOME CONFUSION AMONG MEMBERS CONCERNING THE
VARIOUS MODELS OF THE AIM-9, THE US WAS ASKED TO PRESENT THE FIRST
BRIEFING. FRANCE WAS SELECTED AS AN ALTERNATE IN CASE THE US
DECLINED. ACTION ITEM: PROVIDE RESPONSE TO THE ABOVE REQUEST
TO THE SECRETARY (RAGUSI).

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7. THE GROUP DECIDED THAT THE PERFORMANCE AND CAPABILITIES (AVIONICS/MISSILE INTERFACE) OF MISSILE CARRYING AIRCRAFT IN THE NATO INVENTORY DURING THE 1980'S AND 1990'S WOULD BE IMPORTANT TO ITS DELIBERATONS. ACTION ITEM: ALL NATIONS ARE REQUESTED TO PROVIDE APPROPRIATE DETAILS OF THEIR AIRCRAFT PERFORMANCE AND CAPABILITIES AS FAR AS CAN BE PROJECTED TOWARDS THE 1990'S TO THE SECRETARY (RAGUSI) BY 1 SEP 74. INTERCEPTOR ROLE AIRCRAFT SHOULD HAVE FIRST PRIORITY.

8. THE GROUP DISCUSSED THE SHAPE STATEMENT ON "ROLES AND METHODS
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OF EMPLOYMENT OF NATO INTERCEPTORS (AC/224-D/320; AC/224(SG/13) D/2). IT WAS DECIDED TO ATTEMPT TO CONSOLIDATE NATIONAL OPERATIONAL CONCEPTS FOR INTERCEPTOR AND MISSILE EMPLOYMENT INTO AN AGREED CONCEPT OF OPERATIONS. ACTION ITEM: NATIONS ARE REQUESTED TO PROVIDE INPUTS ON THEIR OPERATIONAL CONCEPTS TO THE SECRETARY (RAGUSI) BY 1 SEP 1974.

9. THE GROUP AGREED THAT MISSILES SHOULD BE DIVIDED INTO SHORT, MEDIUM, AND LONG RANGE CATEGORIES ACCORDING TO CURRENT NATO DEFINITIONS. THE IMPORTANCE OF CONSIDERING NAVY MISSILES AS WELL AS AIR FORCE MISSILES WAS STRESSED. THE GROUP SUGGESTED THAT IT WOULD BE HELPFUL IF THE US NAVY WERE ALSO REPRESENTED ON SG-13. ACTION ITEM: CONSIDER AND PROVIDE RESPONSE TO GROUP'S SUGGESTION ON US NAVY REPRESENTATION.

10. THE GROUP DECIDED THAT NATIONAL PLANS AND SCHEDULES FOR MISSILE REPLACEMENT WERE IMPORTANT TO ITS DELIBERATIONS. ACTION ITEM: NATIONS ARE REQUESTED TO PROVIDE INPUTS ON THEIR AIR-TO-AIR MISSILE ACQUISITION/REPLACEMENT PLANS AND SCHEDULES TO THE SECRETARY (RAGUSI) BY 1 SEP 74.

11. THE FOLLOWING TENTATIVE AGENDA WAS DEVELOPED FOR THE NEXT MEETING.

A. APPROVAL OF THE SUMMARY RECORD.
B. REVIEW AND CONSOLIDATE NATIONAL INPUTS ON THE THREAT.
C. REVIEW AND CONSOLIDATE NATIONAL INPUTS ON AIRCRAFT CAPAB-
ILITIES.
D. REVIEW AND CONSOLIDATE NATIONAL INPUTS ON OPERATIONAL
CONCEPTS.
E. REVIEW AND CONSOLIDATE NATIONAL INPUTS ON REPLACEMENT PLANS
AND SCHEDULES.
F. BRIEFINGS (US OR FRANCE) ON MISSILE DEVELOPMENT PROGRAMS.
G. FUTURE PROGRAM AND METHOD OF WORK.
H. CHAIRMAN'S REPORT TO THE NAFAG.

12. THE GROUP SELECTED 30 SEP 74-2 OCT 74 (STARTING AT 1400 ON 30 SEPT

AT NATO HQS AS THE TIME AND PLACE OF THE NEXT MEETING.

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